

Certificate of Analysis

Product Name	EMA (Ethidium monoazide bromide)		
Cat.No.	E4035Z3	Storage Conditions	Store at 4℃ away from light
Lot.No.	220225X01-05	Expiration Date	24-02-2027
Molecular Formula	C ₂₁ H ₁₈ BrN ₅	Molecular Weight	420.3
CAS Number	58880-05-0	Excitation Emission	Ex (pH3) = 458 nm Ex/Em= 510/600 nm (bound nucleic acid)
Quality Control			
Items	Specification	Result	
Packaging appearance	Intact and undamaged	Intact and undamaged	
Appearance	Orange solid	Orange solid	
Weight/volume	100-101mg	100mg	
molar extinction coefficient	5400±500	5300	
Purity	HPLC: ≥95% at 254 nm ≥95% at 481 nm	97% at 254 nm 97% at 481 nm	
Appendix			
This Product has been tested and the components have been found to conform to UE quality standards.			
Conclusion	Up to standard	Report Date	04-09-2023
QC	tian qin zheng	QA	Qin Hua-Yu

